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Substitute for form 1449A/PTO
(Revised 10/2001)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number 10/024,357
Filing Date December 18, 2001
First Named Inventor Kozlowski et al.
Group Art Unit 1645
Examiner Name
Attorney Docket Number 34848/241851

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
SA	31	WO 99/45964 A1	09/16/1999	Shearwater		
SA	32	WO 01/26692 A1	04/19/2001	Shearwater		

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
SA	33	Samuel Zalipsky, "Chemistry of polyethylene glycol conjugates with biologically active molecules", <i>Advanced Drug Delivery Reviews</i> , vol. 16, pp. 157-182 (1995).	

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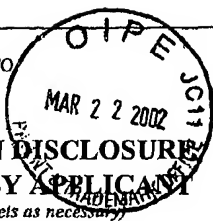
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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
SA	1	US-4,670,417	06/02/1987	Iwasaki et al.	<div>RECEIVED</div> <div>APR 01 2002</div> <div>TECH CENTER 1600/2900</div>
	2	US-5,252,714	10/12/1993	Harris et al.	
	3	US-5,281,698	01/25/1994	Nitecki	
	4	US-5,468,478	11/21/1995	Saifer et al.	
	5	US-5,650,234	06/22/1997	Dolence et al.	
	6	US-5,672,662	09/30/1997	Harris et al.	
	7	US-5,824,784	10/20/1998	Kinstler et al.	
	8	US-5,900,461	05/04/1999	Harris	
	9	US-5,932,462	08/03/1999	Harris et al.	
	10	US-6,348,558B1	02/19/2002	Harris et al.	
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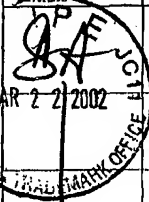
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/024,357
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	11	Okamoto et al., "Kinetic Study on Reactions Between Polymer Chain-Ends - II. Reactions Between Chlorosulphonyl-Ended and Primary Amino-Ended Polyoxyethylenes Followed by Fluorometry", <u>Eur. Polym. J.</u> , vol. 19, No. 4, pp. 341-346 (1983)	
	12	Greenwald et al., "Highly Water Soluble Taxol Derivatives: 7-Polyethylene Glycol Carbamates and Carbonates," <u>J. Org. Chem.</u> , 60, pp. 331-336 (1995)	
	13	Buckman et al., "Functionalization of Poly(ethylene glycol) and Monomethoxy-Poly(ethylene glycol)," <u>Makromol. Chem.</u> , 182, pp. 1379-1384 (1981)	
	14	Zalipsky et al., "Attachment of Drugs to Polyethylene Glycols," <u>Eur. Polym. J.</u> , Vol. 19, No. 12, pp. 1177-1183 (1983)	
	15	Andresz et al., <u>Makromol. Chem.</u> , 179, pp. 301-312 (1978)	
	16	Olson et al., "Preparation and Characterization of Poly(ethylene glycol)ylated Human Growth Hormone Antagonist," <u>Chemistry & Biological Applications</u> , pp. 170-181 (1997)	
	17	Abuchowski et al., "Cancer Therapy with Chemically Modified Enzymes. I. Antitumor Properties of Polyethylene Glycol-Asparaginase Conjugates," <u>Cancer Biochem. Biophys.</u> , Vol. 7, pp. 175-186 (1984)	
	18	Joppich et al., "Synthesis of Glycyl-L-tryptophylglycine Substituted by Poly(ethylene oxide) at both the Carboxy and the Amino End Groups," <u>Makromol. Chem.</u> , 180, pp. 1381-1384 (1979)	
	19	Pitha et al., "Detergents Linked to Polysaccharides: Preparation and Effects on Membranes and Cells," <u>Eur. J. Biochem.</u> , 94, pp. 11-18 (1979)	
	20	Elling et al., "Immunoaffinity Partitioning: Synthesis and Use of Polyethylene Glycol-Oxirane for Coupling to Bovine Serum Albumin and Monoclonal Antibodies," <u>Biotechnology and Applied Biochemistry</u> , 13, pp. 354-362 (1991)	
	21	Beauchamp et al., "A New Procedure for Synthesis of Polyethylene Glycol-Protein Adducts; Effects on Function, Receptor Recognition, and Clearance of Superoxide Dismutase, Lactoferrin, and α_2 -Macroglobulin," <u>Analytical Biochemistry</u> , 131, pp. 25-33 (1983)	
	22	Tondelli et al., "Poly(Ethylene Glycol) Imidazolyl Formates as Oligomeric Drug-Binding Matrices," <u>Journal of Controlled Release</u> , 1, pp. 251-257 (1985)	

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SA	23	Veronese et al., "Activation of Monomethoxy-Polyethylene Glycols by Phenylchloroformates and Modification of Ribonuclease and Superoxide Dismutase," <u>Applied Biochemistry and Biotechnology</u> , Vol. 11, pp. 141-152 (1985)	
	24	Sartore et al., "Enzyme Modification by MPEG with an Amino Acid or Peptide as Spacer Arms," <u>Applied Biochemistry and Biotechnology</u> , Vol. 27, pp. 45-54 (1991)	
	25	Harris et al., "Synthesis and Characterization of Poly(ethylene glycol) Derivatives," <u>J. Polym. Sci. Chem. Ed.</u> , Vol. 22, pp. 341-352 (1984)	
	26	Goodson et al., "Site-Directed PEGylation of Recombinant Interleukin-2 at its Glycosylation Site," <u>Bio/Technology</u> , Vol. 8, No. 4, pp. 343-346, (1990)	
	27	Romani et al., "Synthesis of Unsymmetrical Cystine Peptides: Directed Disulfide Pairing with the Sulfenohydrazide Method," <u>Chemistry of Peptides and Proteins</u> , Vol. 2, pp. 29-34 (1984)	
	28	Kogan, "The Synthesis of Substituted Methoxy-Poly(ethylene glycol) Derivatives Suitable for Selective Protein Modification," <u>Synthetic Communications</u> , 22(16), pp. 2417-2424 (1992)	
SA	29	Woghiren et al., "Protected Thiol-Polyethylene Glycol: A New Activated Polymer for Reversible Protein Modification," <u>Bioconjugate Chem.</u> , 4, pp. 314-318 (1993)	
	30	Sawhney et al., "Biocrodible Hydrogels Based on Photopolymerized Poly(ethylen glycol)-co-poly(α -hydroxy acid) Diacrylate Macromers," <u>Macromolecules</u> , 26, pp. 581-587 (1993)	

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